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INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 29010-75970	FOR FURTHER see Form PCT/ISA/220 ACTION as well as, where applicable, item 5 below.				
International application No. PCT/US04/32401	International filing date (day/month/year) 01 October 2004 (01.10.2004)	(Earliest) Priority Date (day/month/year) 03 October 2003 (03.10.2003)			
Applicant SERENIX PHARMACEUTICALS, LLC					
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau. This international search report consists of a total of sheets. It is also accompanied by a copy of each prior art document cited in this report. 1. Basis of the Report a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item. The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)). With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. II. 2. Certain claims were found unsearchable (See Box No. II) 3. Unity of invention is lacking (See Box No. III) 4. With regard to the title, the text is approved as submitted by the applicant. the text has been established by this Authority to read as follows:					
	itted by the applicant. , according to Rule 38.2(b), by this Authorione month from the date of mailing of this in				
as suggested by the	Authority, because the applicant failed to sug	gest a figure.			

Form PCT/ISA/210 (first sheet) (January 2004)

INTERNATIONAL SEARCH REPORT

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sheet)				
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:				
	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:			
b	Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:			
E3	Claims Nos.: 24-27 and 29 secause they are dependent claims and are not drafted in accordance with the second and third sentences of Rule			
Box No. III	Observations where unity of invention is lacking (Continuation of item 3 of first sheet)			
This Internation	nal Searching Authority found multiple inventions in this international application, as follows:			
	as all required additional search fees were timely paid by the applicant, this international search report covers all carchable claims.			
	s all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite ayment of any additional fee.			
3. A	s only some of the required additional search fees were timely paid by the applicant, this international search export covers only those claims for which fees were paid, specifically claims Nos.:			
	o required additional search fees were timely paid by the applicant. Consequently, this international search report restricted to the invention first mentioned in the claims; it is covered by claims Nos.:			
Remark on Pro				
	No protest accompanied the payment of additional search fees.			

INTERNATIONAL SEARCH REPÖRT

International application No.

PCT/US04/32401

US CL	IPC(7) : C07D 205/085, 201/08; A61K 31/397 US CL : 540/363, 364					
	According to International Patent Classification (IPC) or to both national classification and IPC					
	DS SEARCHED		·			
Minimum documentation searched (classification system followed by classification symbols) U.S.: 540/363, 364						
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched						
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) CAS Online						
C. DOC	UMENTS CONSIDERED TO BE RELEVANT					
Category *	Citation of document, with indication, where a	appropriate, of the relevant passages Relevant to c	laim No.			
A	OJIMA et al. "Asymmetric alkylations of a phenylalanylglycinate equivalent. Novel route to dipeptides bearing alphaalkyl-alphaamino acid residues." J. American. Chemical Society, 1990, Vol. 112, No. 2, pp 770-774. See Scheme I.					
Y	WO 03/031407 A2 (SERENIX PHARMACEUTICALS LLC) 17 April 2003 (17.04.03). See Formula I on pages 2-3; Formula III on page 16; species of Tables 1-15; Scheme I on page 26		28			
Y	WO 9730707 A1 (ELI LILLY & COMPANY) 28 August 1997 (28.08.97). See Formula I on pages 3-4. Note example 161, and 162, and scheme on page 38.)-23, 28			
			·			
Further documents are listed in the continuation of Box C. See patent family annex.						
* S	pecial categories of cited documents:	"T" later document published after the international filing date date and not in conflict with the application but cited to un				
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"O" document	referring to an oral disclosure, use, exhibition or other means	combined with one or more other such documents, such or being obvious to a person skilled in the art	anomacion			
	published prior to the international filing date but later than the late claimed	"&" document member of the same patent family				
Date of the actual completion of the international search		Date of mailing of the international search report 2 MAR 2005				
	005 (28.01.2005) ailing address of the ISA/US	Authorized officer				
Mail Stop PCT, Attn: ISA/US Commissioner for Patents		Mark L. Berch 7. Roberts y	5			
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